



(425) 420-9200 FAX 420-9210  
(509) 924-9200 FAX 924-9290  
(503) 906-9200 FAX 906-9210  
(541) 383-9310 FAX 382-7588


**Work Order #:** M106017



**Seattle** 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-9223  
425.420.9200 fax 425.420.9210  
**Spokane** East 11115 Montgomery, Suite B, Spokane, WA 99206-4776  
509.924.9200 fax 509.924.9290  
**Portland** 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132  
503.906.9200 fax 503.906.9210  
**Bend** 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711  
541.383.9310 fax 541.382.7588

6 December, 2001

Anne Kranawetter  
Bristol Environmental & Engineering  
2000 W International Airport C#1  
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 06/07/01 13:00. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson  
Environmental Group Leader

Work Orders included in this report:

**M106017**



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Bristol Environmental & Engineering  
2000 W International Airport C#1  
Anchorage, AK 99502-1116

Project: Amchitka  
Project Number: 21090  
Project Manager: Anne Kranawetter

**Reported:**  
06/09/01 08:40

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMB201SL	M106017-01	Soil	06/07/01 10:35	06/07/01 13:00
01AMB202SL	M106017-02	Soil	06/07/01 10:40	06/07/01 13:00
01AMB203SL	M106017-03	Soil	06/07/01 10:45	06/07/01 13:00
01AMB204SL	M106017-04	Soil	06/07/01 10:50	06/07/01 13:00

COC # 61

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**North Creek Analytical, Inc.**  
**Environmental Laboratory Network**

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**Reported:**  
06/09/01 08:40

### Hydrocarbon Identification per NW-TPH Methodology North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
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#### 01AMB201SL (M106017-01) Soil

Sampled: 06/07/01 Received: 06/07/01

Gasoline Range Hydrocarbons	ND	9.19	mg/kg	1	NWTPH HCID	06/08/01	06/08/01	0106025	
Diesel Range Hydrocarbons	ND	23.0	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	46.0	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>113 %</i>	<i>50-150</i>							

#### 01AMB202SL (M106017-02) Soil

Sampled: 06/07/01 Received: 06/07/01

Gasoline Range Hydrocarbons	ND	9.52	mg/kg	1	NWTPH HCID	06/08/01	06/08/01	0106025	
Diesel Range Hydrocarbons	ND	23.8	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	47.6	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>121 %</i>	<i>50-150</i>							

#### 01AMB203SL (M106017-03) Soil

Sampled: 06/07/01 Received: 06/07/01

Gasoline Range Hydrocarbons	ND	9.89	mg/kg	1	NWTPH HCID	06/08/01	06/08/01	0106025	
Diesel Range Hydrocarbons	ND	24.7	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	49.5	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>119 %</i>	<i>50-150</i>							

#### 01AMB204SL (M106017-04) Soil

Sampled: 06/07/01 Received: 06/07/01

Gasoline Range Hydrocarbons	ND	9.80	mg/kg	1	NWTPH HCID	06/08/01	06/08/01	0106025	
<b>Diesel Range Hydrocarbons</b>	<b>236</b>	24.5	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	49.0	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>126 %</i>	<i>50-150</i>							

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

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Project: Amchitka  
Project Number: 21090  
Project Manager: Anne Kranawetter

**Reported:**  
06/09/01 08:40

### Hydrocarbon Identification per NW-TPH Methodology - Quality Control

#### North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 0106025 - TPH-HCID (WA)

##### Blank (0106025-BLK1)

Prepared & Analyzed: 06/08/01

Gasoline Range Hydrocarbons	ND	10.0	mg/kg
Diesel Range Hydrocarbons	ND	25.0	"
Heavy Oil Range Hydrocarbons	ND	50.0	"

<i>Surr: 1-Chlorooctadecane</i>	<i>11.4</i>		<i>"</i>	<i>10.0</i>	<i>114</i>	<i>50-150</i>
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North Creek Analytical - Mobile Lab

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### Notes and Definitions

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

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### Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M106017 FINAL 06 09 01 0840.mdb Default Report (not modified)